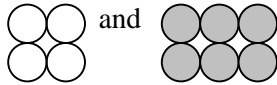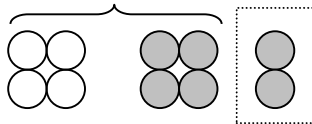# Adding Integers using Colored Chips – Part 2

Use the gray and white chips to represent the addition of positive and negative numbers.

Example:

 and

can be rearranged as $-4+6=?$

Notice that 4 of the white chips and the four gray chips (–4 + 4) make zero. This leaves two gray chips, so –4 + 6 equals 2.

Determine each of the following by drawing the chips:

1. $-6+8=$ **2.** $-5+2=$

3. $2+(-7)=$ **4.** $-9+(-6)=$

5. Why are the parentheses used in problems 3 and 4? Are they necessary?

6. How can you determine whether the result will be positive or negative before you perform the computations?